

Year	1987	1988	1989	1990	1991
Fugitive TRI EtO Emissions (lbs/yr)	5066	2080	1909	3398	1761
Stack TRI EtO Emissions (lbs/yr)	973	149	159	158	148
Total TRI EtO Emissions (lbs/yr)	6039	2229	2068	3556	1909
Revised Total TRI EtO Emissions (lbs/yr)					
Total NEI EtO Emissions (lbs/yr)					

Revised TRI made based on the items below

- 1) Total fugitive emissions represent both spec components in EO service) and emissions from
- 2) Emissions for 2012 - 2016 are based on Dec from 2012-2016. Emissions for 2010-2011 are blowdowns and other intermittent events (e.g.
- 3) Based on process chemistry and operating
- 4) 2017 original TRI submittal had a calculation on 10/30/18.

1992	1993	1994	1995	1996	1997	1998	1999	2000
1658	967	998	1068	1044	928	1007	302	35
144	134	142	146	144	18	144	148	152
1802	1101	1140	1214	1188	946	1151	450	187

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ciated EO emissions from the leak detection and repair (LDAR) 3rd party contractor (based on actual measurements) and any fugitive emission events logged at the plant.

December 2016 stack testing results. The conditions during the December 2016 testing are representative of typical operating conditions based on batch emission rate calculations and production data for those years. The values listed for all emissions (including pressure relief valve lifts) routed to the scrubber.

procedures, Vantage does not expect any EO to be present in the facility's waste shipments or wastewater. Vantage did not include some controlled emissions. Vantage submitted a

2001	2002	2003	2004	2005	2006	2007	2008	2009
37	36	37	37	38	37	36	34	848
163	176	667	896	699	843	641	514	348
200	212	704	933	737	880	677	548	1196
	200			200			548	

Monitoring data from

of operating conditions
years also include filter

ter.

a revised TRI for RY 2017

2010	2011	2012	2013	2014	2015	2016	2017
8357	12517	11505	7207	5487	9876	9876	811
1408	2110	1939	1215	925	1665	1665	107
9765	14627	13444	8422	6412	11541	11541	918
9649	9709	3425	2832	2723	1277	1127	1547
	14400			0			810.59